

NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

Friday, October 13, 2000

Vol. 25, No. 41



FROM THE
DIRECTOR'S
OFFICE

Bill Cleveland

Play it SAFE when it comes to counterintelligence

Espionage is a strange and unusual crime. Strange because we usually don't know, for maybe a long time, that it was ever committed. Unusual because it doesn't happen very often (so far as we know). It's not even thought of as a "crime" in the normal sense. When we hear the word "crime," we think of everything but espionage.

Espionage is also a crime that is committed by normally up-standing, law-abiding citizens. Almost every conviction of espionage handed down by a court of law is the perpetrator's "first offense."

Although espionage is a rare occurrence, history has shown repeatedly that it takes only one individual to compromise the life's work, and perhaps the very lives, of many other individuals. The list includes such figures as Aldrich Ames, John Walker, the Manhattan Project spies Klaus Fuchs and Ted Hall, and the Rosenbergs. Even one former LLNL employee (Peter Lee) has been convicted of espionage. So we have had some experience, unfortunately, with this crime.

To defend against espionage, security professionals place systems within the institution designed to discourage theft, unauthorized access to areas and information, and improper human behavior on the site. The counterintelligence professionals, however, are more interested in what takes place off site, outside the fence.

Counterintelligence, by definition, is the enterprise of countering the intelligence collection efforts by whatever fill-in-the-blank bad guys, usually unfriendly governments. The laboratories have always had some form of security apparatus, but not a credible counterintelligence capability until recent years (the past 15 years, here at LLNL).

The staff of our counterintelligence

See **DIRECTOR'S OFFICE**, page 8

SAFE

Security Awareness For Employees

Lab-UC Merced sign education pact

By **Lynda Seaver**
NEWSLINE STAFF WRITER

An area of California known more for cattle grazing and farmlands is about to become the state's next hub for science and technology, thanks to an agreement between the Lab, Merced College and what will be the University of California's 10th campus.

Last week, Lawrence Livermore signed a memorandum of understanding with UC

Merced and Merced Community College to create academic partnerships that will not only draw faculty and researchers to the fledgling UC campus, but will cultivate the scientists, engineers and technologists of the future.

The signing took place last Friday at the decommissioned Castle Air Force Base in Atwater, soon to be the administrative headquarters of UC Merced. The event attracted approximately 150 officials from UC Merced, Merced College, the Lab and Central Valley communities.

"We are building a new university that will be a model for the use of technology, enhancement and stewardship of natural and human resources, and creation of new models in academia," said Carol Tomlinson-Keasey, UC Merced's first chancellor.

"This new partnership will help us tap into the



LORI TAYLOR/PUBLIC AFFAIRS

The memorandum of understanding signed by Ben Duran, Carol Tomlinson-Keasey and Bruce Tarter will create science research projects for faculty and students.

incredible array of technological know-how that is Lawrence Livermore," Tomlinson-Keasey added. "Through this agreement, we plan to enhance our capabilities to transfer cutting-edge research into the private sector at the same time we set a new standard for science teaching in the university setting."

Director Bruce Tarter said LLNL's participation in the partnership was as much a matter of simple logic as it is being a good neighbor. With one-quarter of the Lab's population now living in the Central Valley, "the Bay Area and the Central Valley have become one. You are our community

See **MERCED**, page 3

ISM team's 'heroic efforts' earn recognition

NEWSLINE STAFF WRITER

For heroic efforts in helping the Lab obtain verification of its Integrated Safety Management System, the Lab honored 59 employees with special institutional awards last Monday.

Director Bruce Tarter and Deputy Director Bob Kuckuck handed out the certificates, which read in "appreciation of key contributions you provided requiring dedication, innovation, leadership and sustained effort of heroic proportions." Included with the certificates was a cash award of \$1,000 each.

Tarter emphasized the "heroic portions" element of the citation was not an attempt at lightheartedness. "The Lab's reputation was on the line," said Tarter of the verification process. "This verification was done in the face of huge obstacles that go beyond the normal call of duty."

The Lab obtained its ISM verification in September. Since that time directorates across the Lab have been honoring employees instrumental in

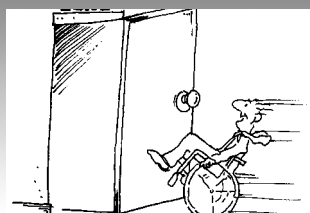
the verification process with various performance awards. Monday's institutional awards were given to members of the ES&H working groups and task forces, among them the Safety Improvement Task, Hazard Identification and Control, the Rollout Implementation team, Work Smart Standards, as well as to Hazards Control staff and individuals across the Lab whose contributions were exceptional.

The awards were handed out Monday afternoon in the West Cafeteria, with most of the Lab's senior management in attendance.

Among the recipients were:

Linda Ault, Engineering; Henry Bell, Engineering; Charles Borzileri, Engineering; Corrine Burgin, Lab Site Operations/Hazards Control; Roger Carlson, Defense & Nuclear Technologies; Alan Casamajor, Biology &

See **ISM**, page 8



Disabilities Week
has universal appeal

— Page 2



Scientific
show and tell

— Page 5



How to broaden
your horizons

— Insert



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Saturday
14

There will be a **scheduled power outage** from 7 a.m. to 8 p.m. in the following locations: Trailers 3502, 3520, 3526, 3527, 3550, 3577, 3703. Contact: Mark Cardoza, 3-0490

...

The annual Livermore **Artists' Open Studio Tour** will be held from 10 a.m. to 5 p.m. and will feature 27 local studios, including that of Lab physicist David Goosman, who does woodturning of bowls and vases. The tour features a wide variety of art, including acrylics, watercolors, mosaics, quilting and furniture making. Maps are available at the Livermore Art Association Gallery, 2155 Third St., and at Way Up Art and Frame, 1923 Second St.

...

Livermore's **Del Valle Fine Arts** is hosting a concert featuring Santa Clara University organist James Welch and virtuoso trumpeter Joyce Johnson Hamilton at 8 p.m. at the Presbyterian Church, located at Fourth and L streets. Tickets, available at the door, are \$10 for general admission, \$7.50 for seniors, and students are free. Contact: 443-4297.

Sunday
15

Today is the deadline to apply for a **LLNL Women's Association scholarship**. To be eligible, applicants must have

worked at the Lab for at least one year, at 50 percent time or more, have completed academic work within the last two semesters and be a current member of the LLLWA. Contact: Joni Schuld, 2-4168.

Tuesday
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Jesse Meadows of the Health Insurance Counseling Advocacy Program of Alameda County, will speak on **"Long-Term**

Care Insurance: Is it Right for You?" at noon in the Bldg. 123 auditorium. Family members of Lab employees/SLO employees are welcome and do not need badges. This talk is sponsored by Health Services' Elder Care Support Group. Contact: Marnette Yeager, 2-1217.



Registration is now under way in Bldg. 415, room 142, for **LLESA's specialty classes**, which begin the week of Oct. 23. Class offerings include New

Beginnings; intermediate East Coast swing; beginning and intermediate West Coast swing; and intermediate salsa. Cost for each six-week session is \$30.



LAB TV

BROADCAST
SCHEDULE

A recent segment of the Lab and Sandia's community television show, **"Technology Today,"** featuring Mim John of Sandia, will air on Lab TV Channel 4 on Tuesday and Thursday at 10:30 a.m., 1:30 and 4:30 p.m.

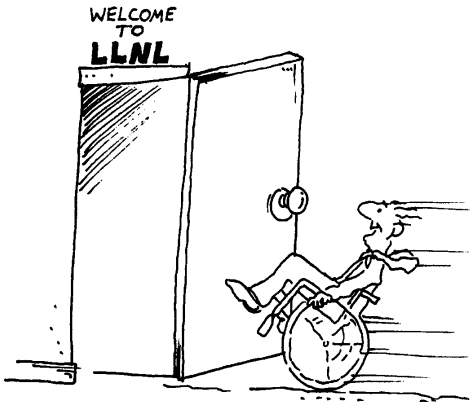
Disabilities Awareness Week has designs for all

The "design-for-all" approach to the development of products, architecture and environments around human diversity will be explored when architect Michael Mankin presents "Universal Design," at noon Tuesday, Oct. 17, in the Bldg. 361 auditorium.

Mankin's talk is part of Disabilities Awareness Week, sponsored by the Affirmative Action & Diversity Program. All employees are invited to attend.

Universal design recognizes the diversity of needs, important to all people regardless of age, ability or condition.

In recent years, universal design has become an international focus for designers, gaining momentum as a result of the increase in the number of people coming to retirement age. Universal design encompasses the range of need each person encounters throughout life.



Mankin, the principal architect in the Access Compliance Program in the California Division of State Architect, has been a decades-long advocate for universal design. In his current position, he is responsible for plan review and field inspections of K-12 and community colleges as well as monitoring all state construction and leases for accessibility. He is a committee member of the International Conference of Building Officials and a founding member of the National Association of ADA Coordinators.

Also during Disabilities Awareness Week, a beginning sign language class will be held Mondays and Wednesday, beginning Oct. 16 and ending Nov. 22. Classes will be held in Bldg. 571, room 2301. There is no fee; for more information call Cathy McClain, 3-6555.

Lab flu clinics scheduled to begin mid-November

Health Services expects to begin offering flu vaccinations to employees beginning the week of Nov. 13.

The vaccines may be available as early as late October. If that happens, flu shots will begin in Bldg. 663. The clinics, which will be scheduled around the workplace, will begin in November.

Watch *Newsline* and *NewsOnLine* for clinic times and locations.

Health Services expects to receive its full order of flu vaccine. Earlier this year it was questionable how much vaccine the Lab would receive, due to manufacturer shortages. The shots will be available to all employees for \$5.

IN MEMORIAM

Bruce Borman

Services will be held today for Bruce C. Borman, who died of cancer Oct. 7 in Sacramento. He was 57.

Borman worked for almost 21 years in the New Technologies Engineering Division as a mechanical technician and coordinator. During his career he worked in many programs, among them Geophysics, Nuclear Chemistry, the Underground Nuclear Test Program and O Program, where he provided mechanical and electronic coordinates support for Solar Cell-powered prototype aircraft.

In 1991, Borman changed career directions from mechanical technician to a coordinator supporting above-ground testing in some of the Tunnel experiments at the Nevada Test Site.

Borman received his associate of arts degree from Chabot College. He was an avid softball player, active in the Lab Men's Lobbball league, the co-ed league and Livermore and Pleasanton Recreation leagues. He also enjoyed skiing (he was a volunteer at the Corporate Ski Challenge at Alpine Meadows) and working out at the gym.

Borman is survived by his daughters, Janet and Jennifer; two grandchildren; a brother; his longtime companion, Betty Savarese; and his estranged wife, Judy Borman.

A memorial service will be held at 3 p.m. today (Oct. 13) at St. Elizabeth Seton Church, 4001 Stoneridge Drive, Pleasanton. Call 484-5020 for more information.

NTED is collecting donations for the American Cancer Society in remembrance of Borman. Contributions may be sent to Ronna Oelrich at L-113 by Friday, Oct. 20.

Rich Goin

Services have been held for Hugh Richard Goin, a former security administrator and the manager of the Emergency Operations Center. Goin died Oct. 3 at Kaiser Hospital in Walnut Creek. He was 50 years old.

Goin was born in Fort Lewis, Wash., and was raised in a military family. He joined the Air Force in the early 1970s as an aeronautical evacuation specialist.

In 1974, he graduated summa cum laude with a bachelor's degree in police science and administration at Washington State University. In 1976, he earned his master degree in police sciences from Washington State.

He was hired as a security officer at the Lab in 1977. During his career he held increasingly responsible position in Safeguards & Security, including principal security administration. In 1990 he was appointed manager of the Emergency Operations Center.

Goin retired in 1997 for health reasons. He is survived by his wife Brenda, his sister Judy, two nephews and a niece.

Contributions in his memory may be made to Shepherd's Gate in Livermore.

Newsline

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AROUND THE LAB

DOE adds five steps to strengthen work force diversity

Secretary of Energy Bill Richardson announced earlier this week five additional actions to reinforce the Department of Energy’s position on diversity in the workplace and to expand efforts to eliminate discrimination.

“We have made progress addressing concerns of racial profiling but more needs to be done,” said Richardson. “Everyone within the Energy Department needs to understand that respect, fairness and equal opportunity are part of everything we do.”

The five steps to be taken are:

- Direct the inspector general to investigate whether there has been any profiling of the department’s federal or contractor work force in security

policies, processes, and daily operations;

- Revise contractor diversity plans within 60 days to address profiling based on race and national origin;
- Expand the DOE ombudsman’s staff to further bolster the department’s efforts to prevent racial profiling and ensure equity;
- Direct field managers to include compliance with the revised diversity plan as a meaningful factor in determining the fee earned by contractors; and
- Develop a plan by a coalition of contractors, laboratory directors and human resource managers to coordinate recruitment and retain a diverse work force in the laboratory community.

These new initiatives expand the department’s

efforts to combat racial profiling. Earlier this year, Richardson directed the Task Force Against Racial Profiling to make policy recommendations after a six-month inquiry was conducted at department facilities.

Previous actions included:

- Appointing a national ombudsman, Jeremy Wu;
- Holding a department-wide educational stand-down;
- Conducting a comprehensive review of recruitment;
- Making improvements in the equal employment opportunity systems and procedures; and
- Devising better tracking and evaluation of diversity management activities in contracts.

BRIEFLY

Signs apply to Lab-owned cell phones only

The Safeguards & Security Department reminds Lab personnel that signs in Limited Area buildings warning them to remove the batteries from cellular phones before entering classified buildings apply to government-owned cell phones only.

Privately owned cellular telephones, with or without batteries, are not allowed in classified areas without prior written authorization from the Safeguards & Security Department.

Restrictions regarding privately-owned electronic items, to include cell phones, may be found in the Safeguards and Security Guide that is accessible via the Web. The URL for the guide is <http://www-security.llnl.gov/SSDPub/SSGuide/SSG01.ncl>.

Revised Site 300 site plan now online

Where can you find information about Site 300, red-legged frogs, the large-flowered fiddle-neck, earthquakes, flood plains, prehistoric culture, future line-item projects and the weather — all in one document and available on the Web? The Site 300 Comprehensive Site Plan (CSP) provides this information, and much more.

The recently revised Site 300 CSP provides an overview of the site’s programs, employees, operations, and facilities. This overview is then used to

generate credible directions for future land use and facility development at LLNL. The Site 300 CSP is revised every two years of so to reflect changes in the Laboratory and its strategic vision. The CSP and its development process is in compliance with the DOE Life Cycle Asset management order 430.1, and is coordinated with the Laboratory’s strategic planning efforts and with master plans from various operational disciplines.

The plan is available on the Web at http://www.llnl.gov/pe/s300_comp_plan/. You will need Adobe Acrobat 4.0 or later to read the document.



Women’s conference needs your help

Volunteers are needed for LLNL 2020: Women Forging the Future of Science & Technology,” Oct. 26-27, at the San Ramon Marriott.

Volunteers are needed to assist with registration, assist plenary/keynote speakers or focus group chairs, assist with the coordination of poster sessions, or help with the initial set-up of the symposium.

For a tentative conference schedule, see the

Web at <http://www.llnl.gov/2020>. If you would like to volunteer, call Beverly Williams, 2-5020 or e-mail williams92@llnl.gov.

Deadline Sunday for LLLWA scholarships

The deadline to apply for LLNL Women’s Association scholarships is Sunday, Oct. 15.

The scholarship program, which is funded by the LLLWA and the Affirmative Action & Diversity Program, provides financial support to Lab employees pursuing educational training as a means of career and personal advancement.

To be eligible, applicants must have worked at the Lab for at least one year, work 50 percent time or more, have completed academic work within the last two semesters and be a current member of the LLLWA. Qualified applicants will be judged on their educational history and transcripts, a statement of objectives and a personal interview. For more information, call Joni Schuld, 2-4168.

New Web address for DOE

The Department of Energy home page has a new look and a new name. The publications and features are still there, but improved topical navigation lets the public find information more easily. To access the new home page, go to <http://www.energy.gov>.

MERCED

Continued from page 1

for the future.

“A continuing strong tie to the University of California is important to us,” Tarter explained. “It helps the Lab attract and retain high quality staff. Our interactions with university campuses keep us at the forefront in key research areas. They result in continuing working relationships with professors and their students, who may then become Lab employees.”

In addition to creating joint research projects and teaching appointments, the collaboration will also advance training for teachers in grades K-12 and create technical training internships for university faculty and students.

In fact, the Lab’s Science and Technology Education Program has already started forming partnerships with K-12 schools in the Central Valley.

Tomlinson-Keasey said the Merced campus also hopes to tap the Lab’s expertise in environmental management, energy efficiency and resource preservation as campus construction gets under way.

The Merced campus, scheduled to open in 2004, is the first newcomer to the UC system since UC Santa Cruz back in the 1960s. While construction of the campus is still in the planning stages, the partnership

signed last Friday will give students immediate access to advanced technology.

The Lab will work with Merced College to create training programs in laser technology, biosciences and geographic information systems, all areas currently experiencing rapid growth and shrinking employment pools. Additional programs include advanced manufacturing technologies, e-commerce, robotics, computational science and environmental technologies.

These programs will be similar in scope to training programs already in place at Las Positas College, in which the Lab helps create the curricula. Lab employees often double as instructors, and students are given training opportunities at the Lab site.

“These are programs we could not have begun to develop without the Laboratory’s help,” said Ben Duran, president of Merced College.

Duran explained that through the partnership, the Central Valley can now provide students with divergent paths, what he called “a-ha moments” in which students will discover myriad career opportunities. Through the memorandum, students can either opt for technology training opportunities via the Merced College-Lab partnership, or they can move on to higher education and graduate degrees through the UC Merced-Lab partnership.

“We are developing opportunities that will put stu-

dents on the cutting edge of technology,” he said.

“This is a jump start to excellence for Merced,” summed up C. Judson King, UC provost and senior vice president. “With the Lab as a lure we have strong substance from the beginning. We will have a true academic tie valued by research scientists. We will motivate students to go further in their education and will be giving students a leg up on gaining employment. Merced will be a showcase for how partnerships in education can work.”

Do you have

Safety Questions?



Check out this new Web site for information on how to get help with safety questions.

http://www-r.llnl.gov/es_and_h/safety_help/

You can also access this page from the Grapevine or from the Grapevine Index.



NEWS YOU CAN USE

Free admission!

Lawrence Livermore National Laboratory invites you to Science 2001: An Evening Science Series

Science-Based Decision Making in the Tahoe Basin

By Charles Goldman, professor of Limnology in the Department of Environmental Science & Policy, UC Davis, and director of the Tahoe Research Group, which has compiled over 40 years of research on Lake Tahoe.

Results of the long-term environmental research on Lake Tahoe and its watershed have important policy and management implications for conservation efforts worldwide.

Oct. 19, 2000

7 p.m.

Livermore High School

Performing Arts Theater, 600 Maple St., Livermore

Rebroadcasting on CTV Channel 28 on Nov. 6 at 9 & 11 p.m.

LLNL Public Affairs Office, 925-422-4599
http://www.llnl.gov/llnl/06news/Community/lecture.html

Lawrence Livermore National Laboratory presents lectures during the school year to bring important, current science topics to the general public. Public outreach for education is a goal of both the U.S. Dept. of Energy and the University of California. LLNL is operated by UC for the DOE.

INTERNAL TRANSFER OPPORTUNITIES

Requisition	Classification	Title	Organization
DT-986	105.1	Associate administrator	Defense & Nuclear Technologies
ED-984	200	Scientist	Energy
PE-934	200	Department head	Laboratory Site Operations
NF-388	220	Postdoc research staff member	NIF
EE-843	249	Instrumentation engineer	Electronics Engineering
EE-927	249	Engineer	Electronics Engineering
EE-933	249	Engineer	Electronics Engineering
LO-942	249	Quality assurance engineer	Quality Assurance Office
EV-994	270	Physicist	Earth & Environmental Sciences
CO-1020	285	Computer scientist	Computer Applications Organization
EE-949	285	Computer scientist	Electronics Engineering
ME-770	337.1	Engineering technical associate	Mechanical Engineering
HC-919	405.3	Administrative specialist III	Hazards Control
NF-951	405.3	Personnel support secretary	NIF
NF-996	405.3	Administrative specialist III	NIF
DT-966	405.3/4	Plutonium facility assurance secretary	Defense & Nuclear Technologies
EV-1012	405.4	Administrative specialist	Energy & Environment
BO-946	462.1	Material handler	Procurement & Materiel
HC-820	571.2/.3	Health & safety technologist	Hazards Control
ME-876	585.2/3	Sr. print room operator	Mechanical Engineering
PE-9550	824.1	Maintenance overhead crane tech.	Maintenance/Operations

More information on these job postings as well as those at other UC sites and outside organizations is available through the World Wide Web. Go to the Lab's internal home page, click on "Services," then click on "Career Center." Once there, scroll down to "Information and Resources," where links to internal and external postings can be found.

Technical Meeting Calendar

Friday
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H DIVISION

"A Quantum Monte Carlo Study of Exchange and Correlation in the Silicon Atoms," by Aaron Puzder, Georgia Institute of Technology. 10 a.m., Bldg. 319, room 205 (open area). Contacts: Jeffrey Grossman, 3-6991, or Darlene Klein, 4-4844.

ENGINEERING

"Some Problems Involving the Interaction of Electromagnetic Waves and Natural Media," by Gary S. Brown, Virginia Polytechnic Institute and State University. 10 a.m., Bldg. 235, Gold Room. Contact: Sherene Goulart, 2-1923.

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"The Angular Momentum Evolution of Low Mass Stars," by Marc Pinsonneault, Ohio State University. Noon, Bldg. 319, room 205 (open area). Contact: Joanna Allen, allen64@llnl.gov.

Monday
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INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Diffpack — Object-Oriented Software Solutions for PDEs," by Are Magnus Bruaset, Numerical Objects, AS. 2 p.m., Bldg. 451, room 1025 (uncleared area). Contacts: Dan Quinlan, 3-2668, or Leslie Bills, 3-8927.

SANDIA NATIONAL LABORATORIES

"Nucleation at Triple Junctions in Pure Aluminum," by T. J. Sabin and D. Juul Jensen, Materials Research Department, Ris National Laboratory, Denmark. 10 a.m., Bldg. 940, room

1182 (uncleared area.). Contact: Darcy Hughes, 294-2686, darcyhu@sandia.gov.

UC DAVIS, DEPARTMENT OF APPLIED SCIENCE

"Development of Trivalent Ytterbium-Doped Fluorapatites for Diode-Pumped Laser Applications," by Andy Bayramian, LLNL. 4 p.m., Bldg. 661 (Hertz Hall), room 13 (open area). Refreshments served at 3:30 p.m. for a "meet the speaker" session before the seminar and at 5 p.m. after the seminar. Contact: Estelle Miller, 2-9787.

Tuesday
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X DIVISION

"Mathematicians and Physicists in Quantitative Finance," by David S. Kershaw. 3 p.m., Bldg. 543 auditorium (uncleared area). Contact: Alek Shestakov, 2-4213.

CHEMISTRY & MATERIALS SCIENCE

"Investigating the Environment-Dependent Photochemistry of Chlorine Dioxide," by Anthony Esposito, University of Washington. 10 a.m., Bldg. 191, room 2010 (cleared area). Contact: Joseph Zaug, 3-4428.

Wednesday
18

MACINTOSH TECHNICAL SEMINAR SERIES

A presentation on Mac OS X Beta, by Charles Heizer, LLNL. 10:30 a.m., Bldg. 543 auditorium (uncleared area).

Contact: Becky Frank, 3-2879.

HYDRODYNAMICS GROUP

"The First Few Hours of a Core-Collapse Supernova," by Konstantinos Kifonidis, Max Planck Institute for Astrophysics, Germany. 1:30 p.m., Bldg. 219, room

163 (open area). Contact: Bruce Remington, 3-2712, remington2@llnl.gov.

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Algorithm Development for the Stanford University ASCI TFLO Solver," by Antony Jameson and Juan Alonso, Stanford University. 10:30 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Rob Falgout, 2-4377, or Leslie Bills, 3-8927.

Thursday
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INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"osiris.analysis. A Diagnostic and Visualization Package for Large Data Sets from Particle in Cell

Codes," by Warren Mori, UCLA. 10 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Bruce Langdon, 2-5444, or Terry Garrigan, 3-6209.

Friday
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MATERIALS SCIENCE & TECHNOLOGY

"The Science of Laser-Materials Interactions," by Lloyd Chase. 3:30 pm, Bldg. 235, room 1090

(uncleared area). Coffee and cookies will be served at 3:20 p.m. Contact: Thomas E. Felter, 2-8012.

Deadline for the next calendar is noon, Wednesday, Oct. 18.

- Address e-mail to tmc-submit@llnl.gov or fax to 2-9291.



NEWS OF NOTE



Labs show and tell at annual DOE Day

Lawrence Livermore, Sandia and Stanford Linear Accelerator Center were among the laboratories putting science on display at the sixth annual DOE Day Wednesday in downtown Oakland. The event, titled “Be Energy Smart,” is a showcase for energy-efficient technology and resource conservation. Mildred Dresselhaus, director of the Office of Science at DOE, was the keynote speaker (left). She was welcomed by John Belluaro, director of Public Affairs at the DOE Oakland Operations Office. Lab employee Terry Cunningham (lower left) explains the importance of pollution prevention to a class of visiting students. Jon Stella (lower right) admires the NIFFY exhibit. Stella was one of the carpenters who built NIFFY, in honor of the mammoth bones found at the NIF site.



PHOTOS BY LORI TAYLOR/PUBLIC AFFAIRS

NEWSMAKERS

Faux earns commendation

Lead engineer Doug Faux was recently commended by the U.S. Army Space and Missile Defense Command for his “important and lasting contributions to the nation’s defense.”

During a quarterly Integrated Project Team meeting in Huntsville, Ala., in a surprise presentation, Faux was bestowed with a framed letter of commendation from Army Lt. Gen. John Costello, commanding general of the U.S. Army Space and Missile Defense Command.

“You have continually distinguished yourself during your many years of service by performing independent analyses that assessed TMD (Theater Missile Defense) and NMD (National Missile Defense) interceptor lethality against a suite of nuclear targets. Most recently, your execution of the hydrocode effort supporting the NMD Lethality Program has been exceptional. Your management of the vast workload and competing priorities has been vital to the success of this program,” the three-star general wrote in the letter of commendation.

“You have made important and lasting contributions to the nation’s defense and we are very fortunate to have you as a member



Doug Faux (left) received his award from Robert Becker, Lethality Division chief for Space & Missile Defense Command.

of our team,” Costello concluded in his letter. “I had no idea I was going to receive this,” Faux said. “I was extremely honored.” Faux, who joined the Laboratory 12 years ago, works with Glenn Pomykal on the National Missile Defense Lethality program. Faux, who is assigned to NAI from Engineering’s New Technologies Engineering Division, provides independent analysis of the Army’s missile system effectiveness, for both short range and intercontinental ballistic missiles.

Tapia touts rich diversity of Hispanics

Richard Tapia, Noah Harding Professor of Computational and Applied Mathematics at Rice University and a national leader in education and outreach programs, delivered a talk, “U.S. Hispanics: Diversity Within Diversity,” as part of LLNL’s Hispanic Heritage Month celebration.

Thanks to Tapia’s leadership and inclusive “Noah’s Ark” approach to developing educational outreach programs, Rice University’s Computational and Applied Mathematics Department has become a national leader in producing women and underrepresented minority Ph.D. recipients in mathematical sciences.

In a lively presentation, Tapia related his personal experiences as the son of Mexican immigrant parents to larger diversity issues. He emphasized that the Spanish-speaking world is made up of “extremely diverse groups,” each with “behaviors and values that are different.” The talk was co-sponsored by the Affirmative Action and Diversity Program and the Amigos Unidos Hispanic Network Group.

A videotape of Tapia’s presentation will be available for loan next week from the Affirmative Action and Diversity Program office. For information, call Kathleen Martinez at 3-4142.



Richard Tapia



Check out the Employee Ads Web Services site at:
<https://www-ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1972 - Dodge 3/4 ton truck, 400, automatic, runs, needs work. \$1,200.00 OBO. 925-456-3010

1996 - BMW 318is Black/Black beauty. Excellent condition. Warranty. 60K miles. \$25,000 209-599-7047

1989 - Dodge Aries, 4-door, A/C, Runs well. Current smot cert., 120kmi, \$1,500 925-443-7140

1986 - 86 Toyota Tercel 170K needs little work. \$1,000 or best offer. 925-687-8690. 925-687-8690

1993 - Mercury Villager GS mini-van. Recently rebuilt transmission & brakes. All major service completed. Asking \$6950 or B/O. 925-371-1590

1993 - Nissan Sentra, 5 speed, AM/FM Cassette, 177K miles. Runs great, very reliable. \$1500/OBO. Call Robert Holland 925-551-7986

1992 - Plymouth Voyager Teal Van - Auto, A/C, AM/FM cassette, Factory-tinted windows, roof-rack, Very Good condition, 122K miles - Asking \$3900 OBO. 925-413-3274

1976 - Ford High-Top Econoline Van, with side manual ramp. \$500 OBO. 925-373-7451

1998 - Saturn SL2;Silver Plum;5spd;4dr;frntend covr,bck wndw tint;A/C;kyls entry-alarm;dual air bags; TXF 5yr/75000ext wrnty; 42Kmi.\$10,000O BO. 925-449-0905

1991 - Camero RS, Burgundy, V6, 140k miles, rebuilt manual transmission, new racing tires, good condition, \$3990 OBO 925-447-1690

1998 - Toyota Corolla CE, AT, AC, Tilt, AM/FM Cassette Stereo, 64K, lovely Sand Drift color, \$7900 925-961-1089

2000 - Saturn SCII, 3 dr., 6,200 miles, 6 yr. extended warranty, auto, pw, air, cd, 36 MPG, must sale, \$21,000. 209-492-0270

1993 - Ford Escort LX Wagon. 5 speed, AC, radio/cassette, NEW Transmission. Good condition, 80K miles. \$2,350 as is or \$2,850 if I make repairs. 510-525-5460

1985 - Camero very clean. Less than 20k on rebuilt transmission, valve job and brakes.3,500 obo. 925-447-3399

1979 - MGB, classic green, 57,000 mi, excellent condition, perfect original paint & body, new top, \$4000. 925-443-5324

1998 - Ford Contour SE, 4cyl, 38,000 miles. Black. \$11,000 b/o. 510-656-7140

1992 - Saturn SL1, many options, runs great \$3600/obo. Call after 7PM. 209-823-5085

1990 - 69k miles,loaded, xlint condition except for one fender ding; \$4400 (lo-book) or best offer. 925-447-6707

1993 - Toyota Xtra Cab Pick-up Truck. 175K commute miles, A/C, Shell, carpet kit. The most reliable vehicle I own. Call Pat \$5200 209-545-2688

1993 - Toyota 4runner 4x4 v6, metallic blue, 73K, auto, sun roof, AM/FM/CS/CD, power everything, security sys, AC, cruise, tinted, tow pkg, org. owner. 925-447-4819

1992 - Corvette coupe, automatic, white w/light gray leather seats, chrome wheels, 50K miles. Excellent condition.

\$16,000. 925-443-7422

1996 - Pontiac bonneville SE, very clean, 123K miles, newer GM cert trans. full power, \$7,500 BO. 925-449-9197

1998 - Volvo S70, clean, moon roof, leather, full power, 30,000 miles and just serviced. \$22,000 925-449-9197

1994 - 94 Ford Escort station wagon 54000 miles good shape and runs well.2500.00 or offer. 925-447-8930

1997 - Plymouth Voyager. 6cyl. 7 passenger. Original Owner. Runs great. No mechanical problems. Some external blemishes. \$10,000. 925-294-9446

1973 - Mercedes 450SL,white ext.,blue int., 4.5L V8,pwr windows,4 speed automatic,2 tops,75K miles,\$6000 or BO. 925-447-0666

1987 - Honda Accord LXi, AC, AT, loaded, safe reliable car for young person, runs great and looks great, many upgrades, competition sound system, \$6K OBO 925-449-1409

1991 - Acura Integra GS, 128 kmiles, 2-dr, 5-spd, ABS, A/C, AM/FM, Moonroof, Alloy Wheels, Excellent Condition, \$5,995. 925-447-5329

1988 - Honda Accord dx, 162k miles. Great commuter car w/ac,am/fm cass,ps, 5-speed. Excel condition with no accidents. \$3700. 209-839-9757

1995 - NISSAN XE KING CAB LONGBED P/U. 96K, CD, 2 tone paint, bedliner, 5spd. \$7800/OBO. 925-516-9510

Four BF Goodrich Radial TAs with chrome rims. 2 each P275-60R15 and 2 each P245-60R15. Asking \$150.00 209-823-2955

1996 - 1996 toyota corolla,4 dr,at,ac,ps,pw,pl-am/fm radio,low mileage,exc cond!-reg due 08/01-\$7500 home # 209-339-1795 after 5pm 209-339-1795

1987 - LINCOLN MKVII,very good condition,110K,all options \$3000 209-869-2792

1997 - Mustang GT V8, 35K miles, alarm, spoiler, new tires, front-end cover, 6/60 warranty, power everything, AC, car cover, exceptionally clean. \$15,500. 925-443-1547

1994 - Buick Park Avenue, all power, A/C, good condition in and out, call for more details. Ask for Clint. 925-240-0607

1993 - Pontiac Grand Prix. A/C, cruise, AM/FM/Cassette. Excellent condition. \$5500 925-485-1988

AUTOMOBILE ACCESSORIES

14 inch TIRES: 205/75/R14 good used TIRES fit many cars/pickups: all 4 for \$30, 2 for \$20 925-447-7070

1984 Jeep CJ7 full factory manual including wiring diagrams \$35.1983 Toyota Camry Chilton manual \$10. 209-527-8608

97 jeep wrangler wheels and tires, 70% tread left 30x9.50x15 \$200 o.b.o. 925-447-3367

Car Stereo Radio/Cass. Audiovox AV-949, Audiovox High-performace 50W Power Amplifier, pair of Pioneer 3-way speakers TS A6950 - \$130,- OBO. 510-653-8503

BICYCLES

Bicycles, 10-speed, Centurion Accordo, 19.5 in, \$30; Raleigh, 21 in, \$40; Huffy, 22 in, w mud

guards, \$20. 925-443-5324

BOATS

22Kg Bruce anchor w/chain and rode. Call for details 925-513-2783

3HP Johnson. Excellent condition. Used 10 times. Call 925-513-2783

1997 MB Sports Boss LS200, 20ft Ski BOAT, 351 FI, 310 HP, 158 hrs, super clean!, 1 owner, stereo, upgraded interior, great ski boat. 19,995 obo. 925-516-2198

CAMERAS

Nikon F-4 with 50 mm macro and 300 mm telephoto lenses and several filters, \$1,200. 925-672-2764

ELECTRONIC EQUIPMENT

Heathkit color TV in walnut wood console.\$50/BO. 925-447-0666

Great present for kids! Computer games (excellent condition) X-Wing Collector \$10, flight sim (Falcon3, F14) 4/\$10, strategy, olimpics,... \$3/ea. 925-960-9624

Smith-Corona Word Processor FD 680 with spell rite directory, \$150 or best offer. 925-672-2764

GIVEAWAY

Abandoned at Homeless Shelter in Tracy-Tuxedo Cat (Black with white paws and chest)-1 1/2 yr male. Spayed,Shots, very sweet. 209/835-2328 days. 209-835-5031

Top quality outdoor wooden swing structure --- a few years old, but still good. You haul. 925-462-8811

Moving-White upright freezer-works. White gas dryer-works. 925-443-9509

Refrigerator, Whirlpool. Brown. Approx. 16 yrs. old. Works good. You haul it. 925-447-1360

HOUSEHOLD

DESK, metal, solid, small, great for bedroom. Drawers on right can double as dresser \$45 Livermore 925-447-7070

2 steel folding cots,\$5 each; brown formica end table, \$10; 1 reindeer wood stand,\$10. 925-447-0666

Craftsman 10 inch tablesaw. Cast iron extensions. \$125. 925-947-1162

TV stand, wood/glass \$40; End tables, wood/glass \$40. 209-836-9082

Kitchen Table, wood, oval, Queen Anne style with 2 side chairs and two end chairs-Windsor style. \$150.00 209-835-5031

Antique Library Case, 3 units, base & writing desk, \$200. Custom oak coffee & end tables \$300. Kitchen table + 4 chairs, \$150. More 925-447-0596

Elegant black lacquer dresser. Six large drawers w/attached mirror. Great condition, made from furniture board. \$200. 925-455-8078

Baby stuff/Toys: crib mattress, safety gate, umb.stroller, monitor, snugli, jumper, food grinder; FP kitchen, tea set, rocking horse. Call 4 prices. 925-484-4191

Desk, walnut, 30Dx52Lx28H,

typewriter storage left side, three drawers right side and pencil drawer in middle. Old but excellent condition. \$30. 925-447-7242

GE Potscrubber portable dish-washer (\$220), window air conditioner (quiet setting \$50), microwave oven (\$10), red vel-vet bench (needs recovering \$20). 925-925-0777

CA King oak waterbed with waveless Serta mattress, 6-drawer under bed storage. In good condition includes some linens. \$100, you haul. 925-449-3478

Green chair with slight print with small ottoman with metal tubular construction. Almost new. \$25.00 209-576-0217

Moving-Light Southwestern color queensize hide-a-way couch and white twin hide-a-way love seat. \$100 for the pair. 925-443-9509

Couch and love seat--white. NEW Both pieces \$600.00. 925-455-5967

Lincoln loveseat, \$100. 925-447-8924

Bedroom Funiture (dark pine dressers, white bed); Oak ice box style TV stand; Wood laminate kitchen table; End table. \$20 per piece. 925-449-0463

White globe hanging lamps, various sizes, good condition, \$10 each. 925-443-5324

LOST & FOUND

Found - small gold colored medallion with Latin inscriptions. Cross on front and figure on back. Found by B132. 925-455-6605

Found; perscription sunglasses in case (left in lab bike basket around the 5900 trailers). You must be blind without them. 2-8950, 925-373-2832

MISCELLANEOUS

CARDBOARD BOXES, STURDY moving/storage: Big and Bigger: 40 for \$50, Huge: \$2, Wardrobes: \$6 925-447-7070

Chainsaw w/extras. 20 inch bar. A bargain @ \$100. Call 925-513-2783

Home brewing stuff. 3 kegs w/tops removed for boilers. 2 cases 22oz bottles. Call for details 925-513-2783

Ski Suit - Mens bibs & matching jacket w/removable sleeves. Navy Blue with yellow & white pin stripes. Size Large \$50 OBO 925-449-5481

Two tickets for Bridge Concert (Neil Young) for Sunday, 10/29; lawn seating, \$45 each. 925-803-1828

Walnut Lumber, gunstock blanks and consecutive planks from log. Offers considered. 4-burner gas stovetop, new, \$75. 3-hp motot. \$150. 925-447-0596

Men`s suits: 2 french wool (black&blue) and 1 light, size M (pants 34), brand new, must go, \$25/each, obo. 925-960-9624

Marine World Tickets - 4 passes good through Oct. 31, 2000. No restrictions. \$35.00 for all or best offer. 925-484-4191

Desparately seeking The Last Basselope by B. Breathead, favorite book of learning disabled 9 yr old lost in house fire. 925-443-8605

YARD SALE OCT 13 and 14, Nice things come and see. 2628 Kennedy St., Livermore 925-

447-6192

GARAGE SALE, Sat 10/14/00, 9am-4pm, Brentwood, 1135 Jordan Ct, off Minnesota &Somersby, Misc Furniture, knick-knacks 925-634-8134

Wedding dress - Demitrios/size 8-excellent cond. Beautiful/cleaned/new \$850-asking \$250. 925-216-4834

Cinder blocks (12) gray, clean. You haul away. \$5. Call after 7:00 pm (M-F). 925-454-8620

Annual multi-multi-family garage sale, Oct 20 and 21 9AM-4PM, 926 Alden Lane 925-455-9414

Massage Chair, Professional, never used, Portal Pro 3, black, only \$299. 925-648-8008

Ryan Lawn Aerator-5 h.p. Wisconsin engine. Call for more information. A good money maker. \$850.00 B/O 209-823-4054

Lawn mover w/rear bag. Briggs/Stratton engine. Excellent cond. \$75.00 925-455-5967

Twin down comforter, paid \$78 last year, asking \$45. 925-449-4924

RAIDERS Tickets, (1) each: Seattle 10/22, Atlanta 11/26, Jets 12/10, Carolina 12/24. Lower level, northeast side by goal line. \$50./tix. 510-655-3839

Patio furnature, 2 lounge chairs, 2 regular chairs, white heavy-duty aluminum frames, mustard-colored straps, excellent condition, \$50. 925-443-5324

MOTORCYCLES

1984 - yamaha venture royal great shape lots of goodies rides like cadillac 19k miles new tires 45 miles to gal asking 3200 209-239-6526

1994 - harley davidson softtail custom ,custom paint and accessories 7700 miles great condition asking 15k call john 209-239-6526

MUSIC INSTRUMENTS

For sale: Clarinet, Bundy - excellent condition. Great for beginning student \$325/firm. 925-443-7979

Fender stereo headphone amp, Boss DR-220A drum machine, Digitech MSP4 multi-effects, Fostex X-26 4-track recorder. 209-836-9082

Piano-Good condition, lovely wood and just tuned. Lester Betsy Ross Spinnet, \$600 or best offer. 925-648-7829

PETS & SUPPLIES

PUPPIES, yellow labrador/border collie mix, smart, beautiful, great family dogs, free. 8 weeks on 10/28. 925-449-8530

Puppies; Healthy and friendly puppies now nearing 8 weeks. Purebread Australian Shepperd mother, mixed father. Leave a message at 925-355-2366.

RECREATION EQUIPMENT

Cardioglidle, \$45. 209-239-7038.

1988 Vacationeer 11.5 ft. truck camper. Fully self-contained, luxury interior, AM/FM cassette. \$5,500.00 OBO. 925-456-3010

Nordic Rider,barely used. \$100/BO. Call after 5:00 pm. 925-447-8667

Fishing Reel and Rod, Penn-65, with a ABU 5-Star Garcia boat



See Newsline at <http://www.llnl.gov/PAO/Newsstand/internal-comm.html>

rod. \$35.00, also a Penn-60, Reel, \$15.00. 925-447-1009

Three-wheel jogging stroller/bicycle trailer. Seats two children. Good condition. \$80 925-455-9125

CardioGlide Plus. Like new. Electronic timer, counter, speed. \$65. 925-606-6071

Abdominal sit-up machine by NordicTrack, includes workout video tape, folds flat to hide under bed, perf. cond., \$30 obo 925-443-3970

Above ground pool.15ft round 4ft deep,cartridge filter, solar cover, ladder,accessories. \$500.00, u haul. Eves. 925-447-3178

RC Airplane, Tiger Trainer 60ARF, never flown, wing span 73inch, length 58inch, weight 6-7 lbs, eng.60, radio 4 channel, pd \$495, sell \$395 or BO. 925-443-8950

Exped tent & pk: Kaja 4sea-son/2person tent. Very light (list 550) Like New: \$290. Dana Terraplane XL internal frame pk (list 440) Very good: \$165. 925-454-9767

Weight set, Olympic bench with incline, decline, 305lbs of weights, leg extension, preacher curl attachments. \$200.00 209-744-8470

RIDESHARING

Express your commute, call 2-RIDE for more information or visit the web site at <http://www-r.llnl.gov/tsmp/> for more information

Pleasant Hill, Walnut Creek-Lavorna Vanpool, 14 passenger, reclining seats, reading lights, 8 to 4:45, Bargain Rate (925) 945-4926, ext. 22805

Oakland/Montclair - Montclair/580, friendly vanpool, reading lights, reclining seats. 8:15 - 5; Stops Montclair village, Lincoln/Hwy 13, Keller/Hwy 580; \$117/Mo. 510-547-4040, ext. 2-0064

North Sacramento - Starting New Sacramento Vanpool - Interested in a new 8-person vanpool with a north and a south area stop? Work hours: 7-3:30. 916-961-0625, ext. 4-4125

Sacramento / Elk Grove - Carpool is looking for another rider. Work hours 7am-3:30pm. The work time might change. 916-684-6525, ext. 3-2960

Ceres/Modesto - 14 psgr Enterprise luxury vanpool, 7:00-3:30 209-537-0229, ext. 3-6631

Modesto - Rider wanted. Park and ride Kansas/Rosemore area. 1 seat avail. \$80 mo. LLNL hrs. 8-5. 209-526-4404, ext. 2-5500

Modesto - 14 Passenger Luxury Van.8:00-4:30. One opening still available. We depart from Sisk & Pelandale at 6:50 AM. Save with pretax transit dollars. 209-521-9047, ext. 2-5177

San Francisco - Vanpool leaves DeHaro and Berry in San Francisco at 6:55 a.m., arrives at LLNL at 7:50 a.m. Leaves LLNL at 4:45 p.m. 415-621-5065, ext. 2-4572

Ripon - Seeking to join dependable car or van pool Ripon to LLNL, Work hours 7:15 A. M. - 4 P.M. (flexible 30 minutes) 209-599-3285, ext. 3-2383

San Mateo - Riders needed for the 14 seat vanpool. Capt. chairs, reading lighs, and AC will make the drive easier. . 650-281-7820, ext. 3-7857

San Jose & Fremont Mission - Space is available from San Jose and Fremont-Mission areas. Work hours: 7:30-4:30. Call 408-238-1909, ext. 3-3057

MODESTO - Carpool needs one driver/rider. Each person drives one week per month. Meet Mall area. Wk hours 7:30-4. Flex. 209-557-0456, ext. 2-8828

Fremont - Commuter blues? Join van and save pretax dollars too. Work schedule 8am-445pm. 510-792-7848, ext. 4-3791

Richmond - Van operating from Richmond through El Cerrito, Albany, Berkeley and Oakland with stops on Hwy 13; 7:45-4:30 510-223-4244, ext. 2-3193

SERVICES

PARENTS troubled by TEEN behavior? What to do now, before too late? Free info on ToughLove, & Residential Treatment Facilities. (LLNL Meeting) 925-447-7070

Handyman Service, fix and or replace almost anything in and around the house.Small jobs too. 925-373-3465

Professional Tree Stump Removal & Sprinkler Repair.FREE Estimates 925-443-6010

House Painting, free estimates and Lab discounts. 925-447-5132

Hauling Service. Estate cleanouts, Attics, Garage, Shed and Barns. Misc. P/U & Deliv. avail. 925-373-9540

Need someone to take down and haul away 8x8ft playhouse on 4x6in posts set in cement. Still useable, but deck has dry-rot. Will Pay reasonable price. 925-462-8811

Day Care/Preschool program in loving home enviroment a few blocks from the lab. Openings for 2yr olds and older. 925-443-0408

SHARED HOUSING

Livermore - Room for rent \$500 mo. Must like children includes utilities. reduced rate for commuters. Walking distance from the LLNL. 925-443-0408

TRUCKS & TRAILERS

1979 - Chevy 1/2 Ton Truck. \$2000.00 OBO 925-447-0558

1991 - Chevy Silvarado Suburban 3/4 ton V8 4X4 Fully loaded premium pkg, two-tone paint, running boards, third seat, tow pkg, premium wheels. Must see \$11K 925-449-5481

1998 - GMC SLE, 4x4, ext. cab. 3rd door, a/c, p/s, p/w, p/l, p/seats, cd, cassette, bedliner, running boards, tilt/steering \$22,500. 209-825-4465

1982 - Chevy S-10. V-6,4 spd,long bed with GT Spoiler shell and bed liner, Big-O tires/chrome rims. Non-op., runs , call for more info.\$975.00 B/O. 209-823-4054

1985 - Ford F350 1-ton van, air, CD, PS, PB, rcvr hitch, runs great \$2500 925-455-8423

1996 - GMC SONOMA SLS; 35Kmi; excellent condition; 2.2 liter, 4 cyl; 5-spd; ABS brakes; new Michelins; custom package; bedliner; \$8200/bo; Tracy 209-836-2293

1964 - OLD BLUE - Dodge Truck - Good Engine, Transmission, Tires, Body

\$859.00. 925-443-7220

1989 - 3/4 ton Ford F-250, 4X4, 5 speed, 27,000 original miles, \$8,000 OBO, call after 7:00PM 925-449-0410

1983 - Ford F-150 pick-up, supercab, long-bed, Automatic, V-8. \$1,200. 925-447-0343

1991 - Isuzu TrooperII, 2.8LV6, 4WD, 5spd, 130K mi. Runs great. New brakes. Some exterior dents/dings. All around great truck. \$4000. 925-294-9446

1998 - 1998 Ford Ranger King Cab XLT, Excellent running condition, 50k freeway miles, \$13,500 or take over payments. 510-207-6392

1992 - Travel Trailer, Dutchmen Royale, 30 ft, loaded, 7000 lb. GVWR; \$6500 OBO. 925-516-2617

1984 - Chevy K5 Blazer, runs good, okay tires, brush guard, body straight, removeable top, needs TLC. \$2,500 OBO 925-449-0865

1992 - CHEVY 1500 Extended Cab. Custom by Bell. Excellent running condition. Black exterior w/gray fabric interior. \$7,000.00 O.B.O 925-443-1571

1987 - Ford XLT Lariate, 4WD, Auto. Trans., new paint, new interior, new 16 in. tires & rims, PS,PB,PW, loaded, 134K miles. \$6000 Firm. 925-443-0642

1995 - Mazda B3000 Extended cab, w/ shell, 5 speed, A/C, \$9000 209-833-1219

1988 - Ford F250 Heavy Duty XL 4WD extended cab 5.8L auto, \$8900. 925-455-8609

1979 - GMC Heavy 3/4T PU. 350-4 sp tow package. Needswork, Burnt exh valve \$700 209-869-2792

1982 - 4x6 Utility trailer, \$125 925-443-4413

1988 - Chevy 1 ton, Silverado, 4-dr. dually. Pwr win, door locks, cruise, tilt, 52K miles, new A/C. Excellent cond. \$11,500.00/OBO. 925-456-3010

1995 - Motorhome Thor Residency 36 feet, 230 Diesel cummins, 12K miles, NADA appraisal with options \$86,745. Tow package. \$77,700. 925-449-0430

1993 - Jeep Wrangler, Black brand new tires, new clutch. \$7,000. Never off road. 925-833-2527

1994 - Isuzu Rodeo LS, 4-Door SUV, 2WD, AT, AC, AM/FM Cassette, Power Windows/door locks, Moon Roof. Approx. 86K miles. Excellent Condition. \$9500.00 925-778-5231

VACATION RENTALS

Pinecrest - (Off Sonora Pass Road), 3 bdrm/2 bath, frplc w/wood, microwave, barbecue, pool table, large deck and view up No. Fork of Tuolumne, \$175/wknd. 925-449-5513

Twain Harte - Fully furnished.2bdr 2full bath.Cable TV,VCR, washer,dryer,microwave,dish-washer. Close to Pinecrest Lake and Dodge Ridge \$150wknd \$300week. 925-443-2808

SOUTH LAKE TAHOE - 3 Bedroom 2 Bath Chalet, nicely furnished,quiet area , all amenities,close to all ski areas,Thanksgiving Open!Reserve Now! 209-835-7149

Maui, HI - Kahana Reef ocean-front 1BR/1BA condominium. Beautiful two-island view, ocean-side pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

SEA RANCH - - Oceanview home. No smoking. No pets. Adults only. 2BR(KQ)/2BA 1700sqft. Hike. Bike. Whale watch. Kayak. Swim. Tide pool. HTTP://come.to/searanch 925-443-5086

South Lake Tahoe - 4Br, 2Ba, cabin with loft. Ideally located off Pioneer Trail. All seasons available. 209-239-9267

HAENA, KAUAI - - Private house and/or studio on the scenic north coast near Hanalei Bay - great beaches, hiking, boating and golf. House-\$125/day, studio-\$75/day. 831-479-3441

Maui, HI - Condo, RCI Gold Crown, Lg 1 bd, 2 ba, slps 4. Check www.mauilea.com then coontact www.gdpolzin@aol.com for big discount. 1 or 2 wks avail. 925-447-0856

MAUI-Kihei- 1,2 & 3 bedroom condos. Oceanfront, big pool, large lawn area, BBQ pits, tennis courts, washer/dryer in units. 925-846-8405

WANTED

Therapists needed: work w/love-able 2nd-grade boy with autism in a state-of-the-art teaching method pioneered at UCLA. No exper. nec./training provided. Afternoon & weekend hrs avail, competitive pay. Ideal for special education, psychology & child dev. majors. (925) 443-3396 (evenings).

Wanted: Sewing cabinet, approx. 25 in. wide by 60 in. high with fold out table. Please call 925-443-7979

Golf Cart, poor condition desired, four wheel, gas 925-455-9409

1988- 92 honda accord 4dr, at,ac, under 130k miles. 209-368-4286

Childcare needed for infant and five year old in our Brentwood home. Must be loving, patient and have own vehicle. Call 925-519-594

Looking for cheap Windows 95 capable PC for computer student to work on. 209-239-9116

Welder - Electric, Wire Feed. Welder - Oxy/Acetyl. Electric Generator (gas engine) ~ 3500 Watts. 925-447-8557

Looking for a responsible babysiyyt

rwhen needed on call to watch my 1 year old son. If interested please call 925-294-8801

Honda trail 70 (CT70) or any other motorcycle less then 90cc running or not. Will pay resonable price. 209-607-2158

Wanted:World War Two war souvenirs and memorabilia,US,German,Japanes e.Cash paid for Grandpas old stuff. 209-957-3471

WANTED: Flute for fifth grade boys music class. 925-443-5906

Wanted 45 RPM records in good condition, especially 50s and 60s. 925-454-9291

Boat Approx. 12 feet long. For picking up duck decoys. 925-447-4961

4-10 gallon air compressor for air tool, sprayer, and home maintenance use. 925-447-5101

Wanted an aquarium or terrarium for a lizard. Reasonable priced. 925-778-5982

Hot Tub: Wanted, an old (does not have to work) portable hot tub. (2-7343) 925-455-1730

Gas Dryer, Kenmore or Whirlpool, White or Almond 925-443-5565

Wanted: Small home/duplex rental general Lab vicinity for woman and son. Quiet renters Call Sharmyn at 251-3813 or 449-1644 925-251-3813

camper shell for chevy full size long bed truck, preferably white. 209-832-5506

Looking for GUITARIST to jam with at lunchtime. Call Paul for more info. 925-634-3638

Used alto saxophone in excellent condition for student musician. Willing to pay going rate. 925-516-1501

Baby jogger in good/excellent condition for reasonable price. For either one or two children. 925-454-1881

Need rental of quiet 2 bed+ house, duplex, cottage or double wide mobile, in Livermore valley area for one. 925-447-9457

Do you have chronic muscle pain? I need bodies to practice on. Professional Massage Therapist in Training. Tri-Valley area. 510-791-8623

Finish Carpenter to install ceiling staircase, wood trim on windows, etc. Will pay reasonable fee. Livermore location. 510-713-9873

Guidelines

Newsline is not responsible for any errors contained in the classified ads. It is up to the employee to proofread his or her ad to make sure it contains the correct data, including the phone number.

Employees are reminded that only car- and vanpool ads may contain Lab extensions. E-mail addresses are not allowed.

Due to space limitations, *Newsline* cannot run ads that are submitted in all capital letters. “Personals” ads are not permitted either.

Employees may submit one ad per category, but may not include the same ad in more than one category.

Ads may only be submitted through the Employee Ads Web Services site <https://www-ais.llnl.gov/newsline/ads/>



THE BACK PAGE



JOSEPH MARTINEZ/TID

Director Bruce Tarter and Deputy Director Bob Kuckuck handed out institutional awards to 59 employees for their efforts in helping the Lab earn ISM verification.

ISM

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Biotechnology Research Programs; Larry Chandler, Lasers; Arnold Clobes, Engineering; Robert Clough, Defense & Nuclear Technologies; Fred Coffield, Engineering; Pam Coite, LSO/Hazards Control; Rick Corriea, Engineering; Mark Costella, Energy & Environment; David Counts, Nonproliferation, Arms Control and International Security; Pat Crawford, Physics; Sheri Ann Dante, LSO/Hazards Control; Tony Davito, Engineering; Constance DeGrange, LSO; Barbara Eccher, Business Operations; Sherry

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DIRECTOR'S OFFICE

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program began in the mid-1980s as a small group of three or four people, including support staff. In the past three years, we have grown to several times that. The increase has been a direct result of Congress being convinced that there is a significant espionage problem at the national labs. The Cox Committee added to that concern, and more resources were allocated for more counterintelligence staff.

Recent events at Los Alamos have inflamed the thinking of laboratory critics. But has espionage been the problem, or has it been a matter of security rules not being followed? The answer is not clear, and that makes it difficult for employees to understand the need for all the security upgrades we have undertaken over the past year and a half, many of them responses to one specific case. (I know you know the case of which I speak.)

If a determined person is bent on espionage, no security system can prevent him. I say "him" because, interestingly, very few espionage subjects have been women. I've always wondered why that is. Women must be more reliable and trustworthy. (My wife is reading this, so I had to say that.)

Counterintelligence is not an exact science. (Pardon me, those of you who actually work in science, for using the term "science" in regard to something that is anything but.) It's one of those so-called "social sciences." (Counterintelligence officers are, by and large, like me: scientifically and technologically challenged. We opted out of math and science after high school, and gravitated toward the social sciences, where we could study such things as the "Sociological Implications of Wooden Teeth and Powdered Wigs in 18th Century American Life.")

Those of us who practice this social science for a living are involved in trying to understand how an organized adversary might gain information from our institution after all the security procedures are in place. What happens when the employees leave the institution to go home at night?...go on vacation?...go on business travel?

The information we so earnestly tried to fence off and guard has left the premises, carried in the cranial cavities of thousands of employees, leaving all of our security apparatus behind. What do we do now?

To make things worse for us poor social scientists, some clever people created ways of distributing information electronically, and to place it in so-called Websites, there to be picked off like apples from a tree. The obvious first step for an intelligence service today is to check out the Web for the information it needs.

We Americans love to tell all on our Websites. Why do we do it? Often, just because we can, and because we don't think about how someone might exploit our good intentions for ill purposes. We have created Websites for everything under the sun. Even LLNL's counterintelligence program, SAFE, has a Website (<http://www-r.llnl.gov/safe/>) on the "LLNL only" network. (I can't believe such openness from a counterintelligence program.)

We create personal Websites, and talk about ourselves, our work, our families, our dogs and cats, with color pictures of all to boot. For an intelligence service, this stuff is gold. (What? You don't think they're interested in your cat?)

But at some point an intelligence collector must actually go out and meet people who know stuff. So intelligence officers (usually, science and technology dunces like me) must ask their compatriot scientists to go out to meet American scientists, then report back to the intelligence officer what they have learned. All intelligence services do this.

What do we in the counterintelligence program do about it?

Well, in addition to waiting for our phones to ring, hoping you'll call us, we actively reach out to you to interview those who travel abroad and host foreign guests. We hope to learn what we can about how these activities might (or might not) be placing our people and information at risk. We try to share the information (without attribution to you) with the next employee who travels or hosts visitors.

In this way, we keep each other informed of what is happening to us as a body of co-workers. If

someone has his laptop tampered with at a particular hotel in a foreign city, we want the next traveler going there to know it. If there is a very aggressive person out there pestering you for information, (other than your spouse or significant other), we want to warn other employees of that person. (We keep all information you share with us confidential as to your identity.)

If you haven't come into contact with the SAFE Office, you probably haven't traveled to sensitive countries, or hosted sensitive country foreign national visitors, nor had sensitive country foreign national contacts. But you may well have that experience in the future, so be forewarned: We'll be asking you to help us. We hope we can provide something useful for you in return. Keep us in mind, and, if you have any questions, call us (2-5557).

We're not scientists, but we're social.

Bill Cleveland is the manager of the SAFE program, or Security Awareness for Employees.



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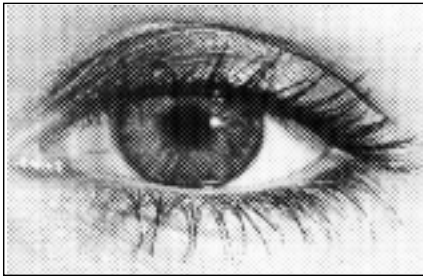
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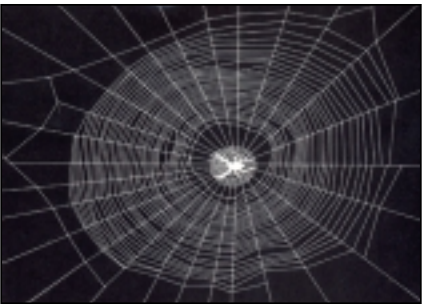
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